Atomic energy plants in India

†1862. DR. MURLI MANOHAR JOSHI:
SHRI RAM JETHMALANI:

Will the PRIME MINISTER be pleased to state:

(a) whether it is a fact that it has been decided to establish 21 new atomic energy plants in the country;

(b) if so, the facts in this regard;

(c) whether it is also a fact that the said projects are based on different technologies;

(d) if so, the facts in this regard and the names of those countries to which these technologies are connected with and their average cost of construction; and

(e) the production cost of electricity production in each technological projects?

THE MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE (SHRI PRITHVIRAJ CHAVAN): (a) and (b) The Eleventh Plan proposals envisage start of work on—

- Eight Indigenous Pressurised Heavy Water Reactors (PHWRs) of 700 MWe each.
- An Advanced Heavy Water Reactor (AHWR) of 300 MWe.
- Ten Light Water Reactors (LWRs) each of 1000 MWe and above.
- Pre-project activities for two Fast Breeder Reactors (FBRs) of 500 MWe each.

(c) Yes, Sir.

(d) and (e) While the PHWRs, FBRs and AHWR are based on indigenous design, LWRs are based on imports. The technologies of the USA, France and Russia for LWRs are contemporary. The costs of setting up these reactors are however, country specific. The details of cost of construction in India will be available only when commercial agreements for the same are finalised.

1000 MW reactors

1863. SHRI TARINI KANTA ROY: Will the PRIME MINISTER be pleased to state:

(a) whether Nuclear Power Corporation had some discussions with US Nuclear Energy Companies like GE and Westinghouse for supply of 1000 MW nuclear reactors;

(b) if so, the latest cost of the reactors quoted by these firms for 1000 MW reactors to other countries; and

(c) if not, the feed back available from the other countries on tentative cost of the reactors?

THE MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE (SHRI PRITHVIRAJ CHAVAN): (a) Yes, Sir.

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†Original notice of the question was received in Hindi.